

No.

200700325



# THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

*Limagrain Advanta Nederland B. V.*

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE FOREGOING PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. IN THE UNITED STATES SEED OF THIS VARIETY SHALL BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS SPECIFIED BY THE OWNER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

PEA, FIELD

'Noble'

*In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this twenty-ninth day of November, in the year two thousand and seven.*

Attest:

Commissioner  
Plant Variety Protection Office  
Agricultural Marketing Service

Secretary of Agriculture

U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE  
(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF OWNER Limagrain Advanta Nederland B.V.		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME Ceb 4149		3. VARIETY NAME Noble	
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)  v.d. Haveweg 2, 4411 RB Rilland Netherlands		5. TELEPHONE (include area code) +31 113 557 100		FOR OFFICIAL USE ONLY PVPO NUMBER <b>#200700325</b> FILING DATE <b>MAY 11, 2007</b>	
		6. FAX (include area code) +31 552 237			
7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) Corporation		8. IF INCORPORATED, GIVE STATE OF INCORPORATION Rilland-Holland			
9. DATE OF INCORPORATION 03-10-2006		10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. (First person listed will receive all papers)		FILING AND EXAMINATION FEES: \$ 4,382.00 DATE 5/11/07 CERTIFICATION FEE: \$ 768.00 DATE 9/18/07	
11. TELEPHONE (include area code)		12. FAX (include area code)		13. E-MAIL Titus-de.Vries@Limagrain.com	
14. CROP KIND (Common Name) Pea		16. FAMILY NAME (Botanical) Leguminosae		18. DOES THE VARIETY CONTAIN ANY TRANSGENES? (OPTIONAL) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
15. GENUS AND SPECIES NAME OF CROP Pisum sativum L.		17. IS THE VARIETY A FIRST GENERATION HYBRID? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		IF SO, PLEASE GIVE THE ASSIGNED USDA-APHIS REFERENCE NUMBER FOR THE APPROVED PETITION TO DEREGULATE THE GENETICALLY MODIFIED PLANT FOR COMMERCIALIZATION.	
19. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse) <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Exhibit A. Origin and Breeding History of the Variety</li> <li>b. <input checked="" type="checkbox"/> Exhibit B. Statement of Distinctness</li> <li>c. <input checked="" type="checkbox"/> Exhibit C. Objective Description of Variety</li> <li>d. <input type="checkbox"/> Exhibit D. Additional Description of the Variety (Optional)</li> <li>e. <input checked="" type="checkbox"/> Exhibit E. Statement of the Basis of the Owner's Ownership</li> <li>f. <input checked="" type="checkbox"/> Exhibit F. Declaration Regarding Deposit</li> <li>g. <input checked="" type="checkbox"/> Voucher Sample (3,000 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository)</li> <li>g. <input checked="" type="checkbox"/> Filing and Examination Fee (\$4,382), made payable to "Treasurer of the United States" (Mail to the Plant Variety Protection Office)</li> </ul>				20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? (See Section 83(a) of the Plant Variety Protection Act) <input checked="" type="checkbox"/> YES (If "yes", answer items 21 and 22 below) <input type="checkbox"/> NO (If "no", go to item 23)	
				21. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF CLASSES? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, WHICH CLASSES? <input checked="" type="checkbox"/> FOUNDATION <input checked="" type="checkbox"/> REGISTERED <input checked="" type="checkbox"/> CERTIFIED	
				22. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, SPECIFY THE NUMBER 1,2,3, etc. FOR EACH CLASS. <input checked="" type="checkbox"/> FOUNDATION <input checked="" type="checkbox"/> REGISTERED <input checked="" type="checkbox"/> CERTIFIED (If additional explanation is necessary, please use the space indicated on the reverse.)	
23. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. OR OTHER COUNTRIES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. (Please use space indicated on reverse.)				24. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT (PLANT BREEDER'S RIGHT OR PATENT)? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. (Please use space indicated on reverse.)	
25. The owners declare that a viable sample of basic seed of the variety has been furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate. The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act. Owner(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.					
SIGNATURE OF OWNER		SIGNATURE OF OWNER			
NAME (Please print or type) Titus T. de Vries		NAME (Please print or type)			
CAPACITY OR TITLE Variety Registration		DATE 15-03-2007		CAPACITY OR TITLE DATE	



**Limagrain**  
**Advanta**

P.O. Box 139 - Lisdoddeweg 36  
8200 AC Lelystad, The Netherlands

(See reverse for instructions and information collection burden statement)

**GENERAL INSTRUCTIONS:** To be effectively filed with the Plant Variety Protection Office (PVPO), ALL of the following items must be received in the PVPO: (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E, F; (3) for a tuber reproduced variety, verification that a viable (in the sense that it will reproduce an entire plant) tissue culture will be deposited and maintained in an approved public repository; and (4) payment by credit card or check drawn on a U.S. bank for \$4,382 (\$518 filing fee and \$3,864 examination fee), payable to "Treasurer of the United States" (See Section 97.6 of the Regulations and Rules of Practice). **NEW:** With the application for a seed reproduced variety or by direct deposit soon after filing, the applicant must provide at least 3,000 viable untreated seeds of the variety *per se*, and for a hybrid variety at least 3,000 untreated seeds of each line necessary to reproduce the variety. Partial applications will be held in the PVPO for not more than 90 days; then returned to the applicant as un-filed. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 401, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. **DO NOT** use masking materials to make corrections. If a certificate is allowed, you will be requested to send a payment by credit card or check payable to "Treasurer of the United States" in the amount of \$768 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

**NOTES:** It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. The fees for filing a change of address; owner's representative; ownership or assignment; or any modification of owner's name is specified in Section 97.175 of the regulations. (See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.)

Plant Variety Protection Office  
Telephone: (301) 504-5518 FAX: (301) 504-5291  
General E-mail: PVPOmail@usda.gov  
Homepage: <http://www.ams.usda.gov/science/pvpo/PVPindex.htm>

#### SPECIFIC INSTRUCTIONS:

To avoid conflict with other variety names in use, the applicant must check the appropriate recognized authority and provide evidence that the permanent name of the application variety (even if it is a parental, inbred line) has been cleared by the appropriate recognized authority before the Certificate of Protection is issued. For example, for agricultural and vegetable crops, contact: U.S. Department of Agriculture, Agricultural Marketing Service, Livestock and Seed Programs, Seed Regulatory and Testing Branch, 801 Summit Crossing Place, Suite C, Gastonia, North Carolina 28054-2193 Telephone: (704) 810-8870. <http://www.ams.usda.gov/lsg/seed.htm>.

#### ITEM

- 19a. Give:
- (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
  - (2) the details of subsequent stages of selection and multiplication;
  - (3) evidence of uniformity and stability; and
  - (4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified
- 19b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:
- (1) identify these varieties and state all differences objectively;
  - (2) attach replicated statistical data for characters expressed numerically and demonstrate that these are clear differences; and
  - (3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.
- 19c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.
- 19d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.
- 19e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.
20. If "Yes" is specified (*seed of this variety be sold by variety name only, as a class of certified seed*), the applicant **MAY NOT** reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. (See Regulations and Rules of Practice, Section 97.103).
23. See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.
24. See Section 55 of the Act for instructions on claiming the benefit of an earlier filing date.

**22. CONTINUED FROM FRONT** (Please provide a statement as to the limitation and sequence of generations that may be certified.)

**23. CONTINUED FROM FRONT** (Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)

**24. CONTINUED FROM FRONT** (Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 1.4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

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## EXHIBIT A

Origin and breeding history of Ceb 4149 (Noble) (*Pisum sativum* L.)

### 1. Genealogy:

Ceb 4149 (Noble) is selected out of the following crossing:

Eclipse x Ceb 93206 in 1997.

Ceb 93206	= 88014-203	x Eiffel
88014-203	= Scorpio	x Ascona

In 1998 a single plant was selected in the F3, followed by line selection and replicated yield trials.

The breeding-process was carried out at our breeding station in Lelystad in the center of the Netherlands. This station is situated on 150 ha reclaimed land on heavy clay soil and is equipped with all the necessary facilities including lab facilities and greenhouses.

### 2. Breeding goals:

The breeding goals were;

F4 Plant selection	Straw stiffness
	Plant length

F5 Line selection	Straw stiffness
	Maturity
	Resistance to:
	- Mildew
	- Botrytis

F6 Yield trials	Yield
	Straw stiffness
	Seed size

F7 yield trials	Yield
Further	Protein content.



**Limagrains**  
**Advanta**

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#200700325

# Limagrains<sup>®</sup>

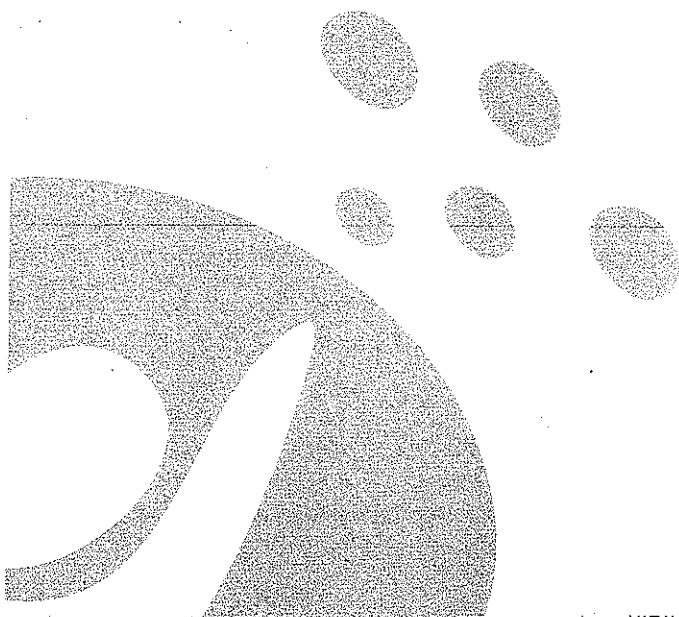
## Advanta<sup>®</sup>

### EXHIBIT A-bis

#### **Evidence of Uniformity and Stability of Ceb 4149 (Noble) (Pisum sativum L).**

Ceb 4149 (Noble) is being tested in official DUS trials in France and the U. Kingdom since 2005. Based on the results from these trials the official authorities in France and the United Kingdom have concluded the following:

1. During the test year no variants were observed, thus confirming the Uniformity of Ceb 4149 (Noble).
2. Over the years Ceb 4149 (Noble) has proven to be a Stable variety.



#### **Limagrains Advanta Nederland BV**

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#200700325

# Limagrain<sup>®</sup>

## Advanta<sup>®</sup>

### Exhibit B

#### Statement of Distinctness of Ceb 4149 (Noble) (Pisum sativum L).

Ceb 4149 (Noble) has been found distinct from all other known varieties but is most similar to Eclipse. However Ceb 4149 (Noble) can be distinguished from Eclipse in the characteristics, as described in the following table.

All this data in the table has been recorded in trials on our breeding station in Lelystad, the Netherlands.

Character:	Year	Ceb 4149 (Noble)	Eclipse
Stipule length:	2004	71 mm	79 mm
	2005	61 mm	70 mm
	2006	67 mm	70 mm
Plantlength:	2004	144 cm	97 cm
	2005	101 cm	90 cm
	2006	92 cm	85 cm
Height 1 <sup>st</sup> fert. Node:	2004	91 cm	50 cm
	2005	68 cm	58 cm
	2006	63 cm	52 cm
Number nodes to 1 <sup>st</sup> fert. node:	2004	20	13
	2005	18	12
	2006	17	12

#### Limagrain Advanta Nederland BV

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REPRODUCE LOCALLY. Include form number and date on all reproductions.

Form Approved OMB NO 0581-0055

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U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
SCIENCE AND TECHNOLOGY  
PLANT VARIETY PROTECTION OFFICE  
BELTSVILLE, MD 20705

Exhibit C

## OBJECTIVE DESCRIPTION OF VARIETY

Pea (*Pisum sativum* L.)

NAME OF APPLICANT (S) <i>Limagrain Advanta Nederl.</i>	TEMPORARY OR EXPERIMENTAL DESIGNATION <i>Ceb 4149</i>	VARIETY NAME <i>Noble.</i>
ADDRESS (Street and No. or RD No., City, State, Zip Code and Country) <i>P.O. Box 1 4410 AA Rilland Netherlands.</i>		PVPO NUMBER

PLEASE READ ALL INSTRUCTIONS CAREFULLY: Place the appropriate number that describes the varietal character of this variety in the boxes below. Place a zero in the first box (e.g.,    or   ) when the number is either 99 or less or 9 or less respectively. Data for quantitative plant characters should be based on a minimum of 100 plants. Comparative data should be determined from varieties entered in the same trial. Royal Horticultural Society or any recognized color standard may be used to determine plant colors; designate system used: \_\_\_\_\_ Please answer all questions for your variety; lack of response may delay progress of your application.

## 1. TYPE:

☒ 2

1 = Garden

2 = Field

3 = Edible-podded 4 = Other (Specify) \_\_\_\_\_

## 2. MATURITY:

☒ 7

Node Number of First Bloom:

No. of Days Processing

Heat Units

No. of Days Earlier Than

Days Same As

No. of Days Later Than

1 = Alaska

2 = Thomas Laxton WR

3 = Little Marvel

4 = Wando

5 = Alderman WR

6 = Australian Winter

7 = Other (Specify) *Lumina*

## 3. PLANT HEIGHT:

cm High

cm Shorter Than

Name of Check Cultivar \_\_\_\_\_

Same As

Same as Check Cultivar \_\_\_\_\_

cm Taller Than

Name of Check Cultivar *Eclipse*

## 4. VINE:

☒ 1

Habit:

1 = Determinate

2 = Indeterminate

☒ 2

Branching:

1 = None (Alaska)

2 = 1-2 Branches (Little Marvel)

3 = More than 2 Branches (Dwarf Gray Sugar)

☒ 2

Internodes:

1 = Straight

2 = Zig Zag

Number of Nodes

☒ 2

Stockiness:

1 = Slim (Alaska)

2 = Medium (Thomas Laxton WR)

3 = Heavy (Alderman)

## 5. LEAFLETS:

☐ Color: 1 = Light Green (Alaska WR) 2 = Medium Green (Thomas Laxton WR) 3 = Dark Green (Alderman)  
4 = Other (Specify) \_\_\_\_\_ 5 = Blue Green 6 = Yellow Green 0 = Not Applicable

☐ Wax: 1 = None 2 = Light 3 = Medium 4 = Heavy 0 = Not Applicable

☐ Molding: 1 = Not Marbled 2 = Marbled (Alaska) 0 = Not Applicable

☐ Number of Leaflet Pairs: 1 = Not Paired 2 = One 3 = Two 4 = Three or More 0 = Not Applicable

☒ Leaflet Type: 1 = Leafless 2 = Semi 3 = Normal

## 6. STIPULES:

☒ 1 = Lacking 2 = Present ☒ 1 = Not Clasping 2 = Clasping ☒ 1 = Not Marbled 2 = Marbled

☐ Size (Compared with Leaflets): 1 = Smaller 2 = Same 3 = Larger 0 = Not Applicable

☐ Color (Compared with Leaflets): 1 = Lighter 2 = Same 3 = Darker 0 = Not Applicable

☒ Color: 1 = Light Green 2 = Medium Green 3 = Dark Green 4 = Blue Green 5 = Yellow Green 0 = Not Applicable

Color Chart Value: \_\_\_\_\_ Select the Color Chart Used to Determine the Values:  
☐ Royal Horticulture Society Colour Chart  
☐ Munsell Color Chart  
☐ Other \_\_\_\_\_

☒ Stipule Size: 1 = Small 2 = Medium 3 = Large

Please Provide Comparative Varieties (Check Varieties) and Stipule Color

	Variety (1)	Variety (2)	Variety (3)
Variety Name:	<i>Eclipse</i>		
Stipule Size:	<i>73 mm.</i>		
Color:			
Color Chart Value:			

## 7. FLOWER COLOR:

☒ Venation ☒ Standard ☒ Wing ☒ Keel

1 = White 2 = Greenish 3 = Lavender 4 = Purple 5 = Red 6 = Other (Specify) \_\_\_\_\_

## 8. PODS:

☒ Shape: 1 = Straight 2 = Slightly Curved 3 = Curved

☒ End: 1 = Pointed (Alderman) 2 = Blunt (Alaska)

☒ Color: 1 = Light Green (Alaska WR) 2 = Medium Green 3 = Dark Green (Alderman)  
4 = Other (Specify) \_\_\_\_\_ 5 = Blue 6 = Purple 7 = Yellow

☒ Surface: 1 = Smooth 2 = Rough ☒ Surface: 1 = Shiny 2 = Dull

☐ Borne: 1 = Single 2 = Double 3 = Single and Double 4 = Single, Double & Triple 5 = Double & Triple  
6 = Triple 7 = Other (Specify) \_\_\_\_\_ 8 = Quad, Single, Double, Triple 9 = Quad

☐ 06 cm Length ☐ 13 mm Width (Between Sutures) ☐ 06 No. Seeds Per Pod

## 9. SEEDS: (95-100 Tenderometer)

☒ Color: 1 = Light Green 2 = Green 3 = Dark Green 4 = Other (Specify) \_\_\_\_\_  
5 = Yellow 6 = Brown 7 = Yellow Green

	1	2	3	4	5	6	7	8	Average
Seive: %									



**9. SEEDS: (cont.) (Dry-Mature)**

☒ 3 Shape: 1 = Flattened 2 = Angular 3 = Oval 4 = Rounded

☒ 1 Surface: 1 = Smooth 2 = Dimpled ☐ Luster: 1 = Shiny 2 = Dull  
3 = Wrinkled

☒ 1 Color Pattern: 1 = Monocolor 2 = Mottled 3 = Striped 4 = Dotted

☒ 17 Primary Color: } 1 = Creamy White 2 = Cream & Green 3 = Light Green 4 = Medium Green  
5 = Dark Green 6 = Blue Green 7 = Yellow 8 = Brown  
9 = Red 10 = Gray 11 = Black 12 = Salmon  
13 = Purple 14 = Tan 15 = White 16 = Pink  
17 = Yellow Green

☐ Secondary Color: }

☒ 1 Hilum Color: 1 = White 2 = Tan 3 = Black

☒ 2 Cotyledon Color: 1 = Green 2 = Yellow 3 = Orange 4 = Cream

☒ 25 Grams per 100 Seeds

**10. DISEASE: (0 = Not Tested, 1 = Susceptible, 2 = Resistant, 3 = Moderately Resistant, 4 = Moderately Susceptible, 5 = Tolerant)**

<input checked="" type="checkbox"/> 0 Fusarium Wilt – Race 1	<input checked="" type="checkbox"/> 0 Fusarium Wilt (Near Wilt) – Race 2
<input checked="" type="checkbox"/> 0 Ascochyta Blight	<input checked="" type="checkbox"/> 0 Common Mosaic
<input checked="" type="checkbox"/> 0 Bacterial Blight	<input checked="" type="checkbox"/> 0 Pea Enation Mosaic Virus
<input checked="" type="checkbox"/> 0 Downy Mildew	<input checked="" type="checkbox"/> 0 Seedborne Mosaic Virus
<input checked="" type="checkbox"/> 2 Powdery Mildew	<input checked="" type="checkbox"/> 0 Yellow Bean Mosaic Virus
<input checked="" type="checkbox"/> 0 Other (Specify) _____	<input checked="" type="checkbox"/> 0 Leaf Roll Virus
<input checked="" type="checkbox"/> 0 Other (Specify) _____	<input checked="" type="checkbox"/> 0 Other (Specify) _____

**11. INSECT: (0 = Not Tested, 1 = Susceptible, 2 = Resistant, 3 = Moderately Resistant, 4 = Moderately Susceptible, 5 = Tolerant)**

☒ 0 Aphids ☒ 0 Other (Specify) \_\_\_\_\_

**12. Additional information on any item above, or general comments that may aid in identification:**

  
**Limagrain**  
**Advanta**

P.O. Box 139 • Lisdoddeweg 36  
 8200 AC Lelystad • The Netherlands  
 Tel. +31(0)320 22 57 00

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U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICEEXHIBIT E  
STATEMENT OF THE BASIS OF OWNERSHIP

1. NAME OF APPLICANT(S)  Limagrain Advanta Nederland B.V.	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER  Ceb 4149	3. VARIETY NAME  NOBLE
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country)  P.O. Box 1 4410 AA Rilland Netherlands.	5. TELEPHONE (Include area code)  +31-113-557-100	6. FAX (Include area code)  +31-113-552-237
7. PVPO NUMBER  #200700325		

8. Does the applicant own all rights to the variety? Mark an "X" in the appropriate block. If no, please explain.



YES



NO

9. Is the applicant (individual or company) a U.S. national or a U.S. based company? If no, give name of country.



YES



NO

Netherlands

10. Is the applicant the original owner?



YES



NO

If no, please answer one of the following:

a. If the original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. National(s)?



YES



NO

If no, give name of country

Netherlands

b. If the original rights to variety were owned by a company(ies), is (are) the original owner(s) a U.S. based company?



YES



NO

If no, give name of country

Netherlands

11. Additional explanation on ownership (Trace ownership from original breeder to current owner. Use the reverse for extra space if needed):

## PLEASE NOTE:

Plant variety protection can only be afforded to the owners (not licensees) who meet the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed the final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definitions.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 0.1 hour per response, including the time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, D.C. 20250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

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Form Approved OMB NO 0581-0055

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U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
SCIENCE AND TECHNOLOGY  
PLANT VARIETY PROTECTION OFFICE  
BELTSVILLE, MD 20705

EXHIBIT F  
DECLARATION REGARDING DEPOSIT

NAME OF OWNER (S)	ADDRESS (Street and No. or RD No., City, State, and Zip Code and Country)	TEMPORARY OR EXPERIMENTAL DESIGNATION
Limagrain Advanta Nederland B.V.	v.d. Haveweg 2 4411 RB Rilland Netherlands.	Ceb 4149
NAME OF OWNER REPRESENTATIVE (S)	ADDRESS (Street and No. or RD No., City, State, and Zip Code and Country)	VARIETY NAME
		NOBLE
		FOR OFFICIAL USE ONLY
		PVP# NUMBER
		#200700325

I do hereby declare that during the life of the certificate a viable sample of propagating material of the subject variety will be deposited, and replenished as needed periodically, in a public repository in the United States in accordance with the regulations established by the Plant Variety Protection Office.

  
**Limagrain**  
**Advanta**

P.O. Box 139 - Lisdoddeweg 36  
8200 AC Lelystad - The Netherlands  
Tel. +31(0)320 22 57 00



Signature

Date

30-03-2007

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